

MODULE III - STORAGE IN CONTAINERS

III.A. APPLICABILITY

The requirements of this permit Module pertain to the operation of hazardous waste container storage areas at the facility. The Permittee shall comply with R450-8-9 and all conditions of this Module. For purposes of this permit, the two (2) Container Management Units (Units 101 and 102), one (1) associated Container Shredding/Repackaging System, one (1) Thaw Unit (Unit 105), one (1) Special Handling Bay (Unit 538), one (1) Rail/Truck Transfer Bay (which is located within Unit 535), and one (1) Containerized Bulk Solids Storage Unit (Unit 106) are designated hazardous waste container storage areas.

III.B. WASTE IDENTIFICATION

The Permittee may store the following wastes in containers at the facility, subject to the terms of this permit:

III.B.1. RCRA Wastes

D001 D002 D003 D004 D005 D006 D007 D008 D009 D010
D011 D012 D013 D014 D015 D016 D017 D018 D019 D020
D021 D022 D023 D024 D025 D026 D027 D028 D029 D030
D031 D032 D033 D034 D035 D036 D037 D038 D039 D040
D041 D042 D043

F001 F002 F003 F004 F005 F006 F007 F008 F009 F010
F011 F012 F019 F020 F021 F022 F023 F024 F025 F026
F027 F028 F032 F034 F035 F037 F038 F039 F999

K001 K002 K003 K004 K005 K006 K007 K008 K009 K010
K011 K013 K014 K015 K016 K017 K018 K019 K020 K021
K022 K023 K024 K025 K026 K027 K028 K029 K030 K031
K032 K033 K034 K035 K036 K037 K038 K039 K040 K041
K042 K043 K046 K048 K049 K050 K051 K052 K060 K061
K062 K064 K065 K066 K069 K071 K073 K083 K084 K085
K086 K087 K088 K090 K091 K093 K094 K095 K096 K097
K098 K099 K100 K101 K102 K103 K104 K105 K106 K107
K108 K109 K110 K111 K112 K113 K114 K115 K116 K117
K118 K123 K124 K125 K126 K136 K141 K142 K143 K144

K145 K147 K148 K149 K150 K151 K156 K157 K158 K159
K160 K161

P001 P002 P003 P004 P005 P006 P007 P008 P010 P011
P012 P013 P014 P015 P016 P017 P018 P020 P021 P022
P023 P024 P026 P027 P028 P029 P030 P031 P033 P034
P036 P037 P038 P039 P040 P041 P042 P043 P044 P045
P046 P047 P048 P049 P050 P051 P054 P056 P057 P058
P059 P060 P062 P063 P064 P066 P067 P068 P069 P070
P071 P072 P073 P074 P075 P076 P077 P078 P082 P084
P085 P087 P088 P089 P092 P093 P094 P095 P096 P097
P098 P099 P101 P102 P103 P104 P105 P106 P107 P108
P109 P110 P111 P113 P114 P115 P116 P118 P119 P120
P121 P122 P123 P127 P128 P185 P188 P189 P190 P191
P192 P194 P196 P197 P198 P199 P201 P202 P203 P204
P205

U001 U002 U003 U004 U005 U006 U007 U008 U009 U010
U011 U012 U014 U015 U016 U017 U018 U019 U020 U021
U022 U023 U024 U025 U026 U027 U028 U029 U030 U031
U032 U033 U034 U035 U036 U037 U038 U039 U041 U042
U043 U044 U045 U046 U047 U048 U049 U050 U051 U052
U053 U055 U056 U057 U058 U059 U060 U061 U062 U063
U064 U066 U067 U068 U069 U070 U071 U072 U073 U074
U075 U076 U077 U078 U079 U080 U081 U082 U083 U084
U085 U086 U087 U088 U089 U090 U091 U092 U093 U094
U095 U097 U098 U099 U101 U102 U103 U105 U106 U107
U108 U109 U110 U111 U112 U113 U114 U115 U116 U117
U118 U119 U120 U121 U122 U123 U124 U125 U126 U127
U128 U129 U130 U131 U132 U134 U135 U136 U137 U138
U139 U140 U141 U142 U143 U144 U145 U146 U147 U148
U149 U150 U151 U152 U153 U154 U155 U156 U157 U158
U159 U161 U162 U163 U164 U165 U166 U167 U168 U169
U170 U171 U172 U173 U174 U176 U177 U178 U179 U180
U181 U182 U183 U184 U185 U186 U187 U188 U189 U190
U191 U192 U193 U194 U196 U197 U200 U201 U202 U203
U204 U205 U206 U207 U208 U209 U210 U211 U213 U214
U215 U216 U217 U218 U219 U220 U221 U222 U223 U225
U226 U227 U228 U235 U236 U237 U238 U239 U240 U243
U244 U246 U247 U248 U249 U271 U277 U278 U279 U280
U328 U353 U359 U364 U365 U366 U367 U372 U373 U375
U376 U377 U378 U379 U381 U382 U383 U384 U385 U386
U387 U389 U390 U391 U392 U393 U394 U395 U396 U400
U401 U402 U403 U404 U407 U409 U410 U411

The Permittee may also store non-hazardous waste
including medical waste, industrial waste,
household hazardous waste, site-generated waste,

non-regulated PCB waste, and CERCLA waste with no accompanying EPA waste code.

III.C. CONDITION OF CONTAINERS

If a container holding hazardous waste is not in good condition (e.g., severe rusting, bulging, apparent structural defects) or it begins to leak, the Permittee shall transfer the hazardous waste from such container, or the container of hazardous waste itself, to a DOT approved container in accordance with Attachment 9, as soon as possible, but no later than twenty-four (24) hours from the time the problem was first discovered and noted in the inspection log portion of the Operating Record.

III.D. COMPATIBILITY OF WASTE WITH CONTAINERS

The Permittee shall assure that the waste is compatible with the containers as required by R450-8-9.3.

III.E. MANAGEMENT OF CONTAINERS

III.E.1. The Permittee shall manage containers as required by R450-8-9.4. in that containers shall always be closed except when the Permittee is adding or removing waste from containers. The Permittee shall not store containers in a way which may cause containers to leak. The criteria outlined in Attachment 9 with the following changes, shall be strictly followed.

III.E.1.a. through III.E.1.t.¹

III.E.2. The Permittee shall unload any properly manifested transport vehicle (road or rail) hauling containers of hazardous waste for storage within ten (10) days following arrival at the site except

¹Permit condition(s) consisted of language modifications to the attachments of the Permit. The changes were incorporated into the Permit in March 1994.

for those vehicles which are stored in the Thaw Unit, Special Handling Bay, or Rail/Truck Transfer Unit. Arrival for purposes of this permit will be the day the transport vehicle arrives and the hazardous waste load is logged into the facility.

III.E.3. The Permittee shall comply with Condition II.J.4. regarding maintaining required aisle space.

III.E.4. Containers with a capacity of fifty-five (55) gallons or greater shall not be stacked more than two (2) containers high in Units 101 and 102. Containers with a capacity of less than fifty-five (55) gallons may be stacked more than two (2) high but shall not be stacked more than six (6) feet high in Units 101 and 102. Containers shall not be stacked more than three (3) containers high in Unit 106. Containers in Units 105, 538, and 535, by their nature, shall not be stacked.

III.F. CONTAINMENT

III.F.1. The Permittee shall construct, maintain, and operate the containment system in accordance with Attachment 9. The Container Management Areas and stacking configurations, where applicable, are shown on the drawings listed below:

<u>Container Storage Area</u>	<u>Drawing Number</u>
1. Container Management Unit (Unit 101)	Figure D-1.1 (Attachment 9) Figure D-1.2 (Attachment 9) 43-10-4-J01 43-10-4-J02
2. Container Management Unit (Unit 102)	Figure D-1.1 (Attachment 9) Figure D-1.2 (Attachment 9) 43-10-4-J01 43-10-4-J02

3. Thaw Unit (Unit 105)	43-10-4-J10
4. Special Handling Bay (Unit 538)	43-53-4-J09
5. Rail/Truck Transfer Bay (Unit 535)	43-53-4-J07
6. Containerized Bulk Solids Storage Unit (Unit 106)	43-10-2-D61 (shts 4-12)

At capacity, the Permittee may store the following volumes of wastes:

- III.F.1.a. Container Management Unit 101 - 0 gallons (0 gallons potentially containing free liquids in the bays and 0 gallons of non-free liquid containing waste in the working areas)
- III.F.1.b. Container Management Unit 102 - 0 gallons
- III.F.1.c. Thaw Unit 105 - 381,880 gallons
- III.F.1.d. Special Handling Unit 538 - 0 gallons
- III.F.1.e. Rail/Truck Transfer Bay located within Unit 535 - 23,560 gallons
- III.F.1.f. Containerized Bulk Solids Storage Unit 106 - 1,370,752 gallons (Subunit 1 unenclosed - 200,064 gallons, Subunit 1 enclosed - 570,520 gallons, Subunit 2 - 0 gallons, Subunit 3 - 600,168 gallons)
- III.F.2. Secondary containment areas shown on the drawings listed in Condition III.F.1. shall be inspected for presence of liquids in accordance with Attachment 4. If liquids are discovered, the Permittee shall identify the location of the source of the release in the inspection log. Any liquids discovered in the secondary containment

areas shall be removed and managed as hazardous waste.

- III.F.3. For the purposes of demonstrating compliance with the capacity requirements, all containers shall be considered full to their respective capacities with hazardous waste.

III.G. SPECIAL REQUIREMENTS FOR IGNITABLE OR REACTIVE WASTE

- III.G.1. The Permittee shall not locate containers holding ignitable or reactive waste within fifteen (15) meters (50 feet) of the facility's property line. The Permittee shall comply with R450-8-2.8. and Attachment 9.

- III.G.2 The Permittee shall take precautions to prevent accidental ignition or reaction of ignitable or reactive waste as required by R450-8-2.8(a) and shall follow the procedures specified in Attachment 6.

III.H. SPECIAL REQUIREMENTS FOR INCOMPATIBLE WASTE

- III.H.1. The Permittee shall not place incompatible waste or materials in the same container. The Permittee shall comply with R450-8-2.8.

- III.H.2. The Permittee shall not place hazardous waste or materials into an unwashed container that previously held an incompatible waste or material, unless the container is washed, or the container is empty and fitted with a disposable liner.

- III.H.3. Where wastes are placed into a container not fitted with a disposable liner and the container previously held an incompatible waste or material, the Permittee must document compliance with Condition III.H.2. as required by R450-8-2.8(c) and must place this documentation in the Operating Record.

III.I. IDENTIFICATION OF LOCATION OF CONTAINERS IN OPERATING RECORD

III.I.1. The Permittee shall record, in the operating log, the location of each container accepted in the container storage areas designated in Condition III.F. The locations shall be identified using an alpha-numeric system. The location records shall be maintained until a container is either removed for processing, or manifested off-site.

III.I.2. The Permittee shall comply with the container tracking system found in Attachment 9.

III.J. INSPECTIONS

The Permittee shall conduct inspections of the container storage areas identified in Condition III.A. of this permit in accordance with the schedule outlined in Attachment 4. Condition II.F. of this permit shall be complied with as it provides the basis for correcting problems identified during inspections of container management areas.

III.K. CONSTRUCTION AND MAINTENANCE OF THE CONTAINER MANAGEMENT AREAS

The Permittee shall maintain the container management areas in accordance with the details located in the drawings provided in Attachment 10. The Permittee shall comply with Condition II.B.2.

III.L. CLOSURE/POST CLOSURE

The Permittee shall close the container storage area in accordance with R450-8-7., R450-8-9.9., Condition II.N., and Attachment 8 of this permit.

III.M. CONTAINER SHREDDING/REPACKAGING SYSTEM

The Permittee may operate a Container Shredding/Repackaging System in the Container Management Building in accordance with Attachment 9 of this permit and the following conditions.

- III.M.1. The Container Shredding/Repackaging System shall be designed, constructed, and operated in accordance with Attachment 9 and Drawings 43-40-9-J03, 43-10-7-J01, and 43-10-7-J02.
- III.M.2. The Container Shredding/Repackaging System shall be constructed predominantly of carbon steel (bearings, motors, etc. may well contain other metals and alloys) and shall have a nominal capacity of ten (10) tons per hour.
- III.M.3. The following hazardous waste codes will not be processed through the Container Shredding/Repackaging System:
- ! D003
 - ! K044
 - ! K045
 - ! K047
 - ! P009 Ammonia picrate
 - ! P065 Mercury fulminate
 - ! P081 Nitroglycerine
 - ! U133 Hydrazine
 - ! U234 Trinitrobenzene
- III.M.4. The Container Shredding/Repackaging System will be equipped with the following:
- ! A nitrogen blanketing/purge system;
 - ! A detector system to detect fires, rapid expansions and incipient explosions and to activate a fire suppression system; and
 - ! Explosion relief vents.
- III.M.5. The Container Shredding/Repackaging System will be inspected in accordance with procedures specified in Attachments 4 and 9.
- III.M.6. In addition to conditions in III.M, the Permittee shall comply with all applicable conditions listed in Module III for operation of the Container Shredding/Repackaging System.